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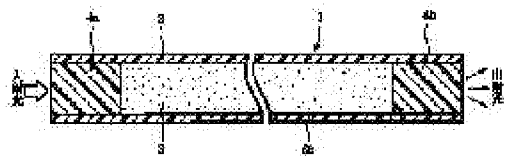
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(54) OPTICAL TRANSMISSION TUBE

(57)Abstract:

PURPOSE: To obtain an optical transmission tube using a fluoro-rubber, which is prevented from the deterioration of optical transmission property as much as possible, as a clad material by incorporating a trapping agent for a residual halogen compound in the clad material.

CONSTITUTION: The trapping agent for the residual halogen compound is incorporated in a vulcanized fluoro-rubber and/or rubber elastic body in the clad 2 made by forming the inner surface at least in contact with a core 3 out of the vulcanized fluoro-rubber. Since bromine atom is better than iodine atom in the view point of reactivity though iodine atom is more preferable than bromine atom in the view point of coloring, the vulcanized fluoro-rubber made by vulcanizing the fluoro-rubber having intramolecular bromine atom inferior in the view point of coloring is effectively



used as the clad of the optical transmission tube by removing a residual bromine compound from the vulcanized fluoro-rubber obtained by vulcanizing the fluoro-rubber having bromine atom in the molecule. And since the trapping agent captures also decomposed materials of a vulcanizer, a cross-linking agent or various additives in the rubber elastic body, the deterioration of optical transmission property is prevented.